

# TEST REPORT

No. : XMIN2006005123CM

Date : Jul 01, 2020

Page: 1 of 5

CUSTOMER NAME: AN CUONG HIGH-TECH BUILDING MATERIALS JOINT STOCK COMPANY  
ADDRESS: AN PHAT HIGH-TECH INDUSTRIAL PARK, KM47, NATIONAL ROAD 5, VIET HOA WARD, HAI DUONG CITY, HAI DUONG PROVINCE, VIET NAM.

Sample Name : SPC FLOOR  
Product Specification : SPC floor 5.5mm thickness (included EVA 1.5mm)  
Manufacturer : An Cuong High-tech Building Materials Joint Stock Company  
Material and Mark : PVC+Calcium carbonat + Additives

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

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Date of Receipt : Jun 15, 2020  
Testing Start Date : Jun 15, 2020  
Testing End Date : Jun 29, 2020  
Test result(s) : For further details, please refer to the following page(s)  
(Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for  
SGS-CSTC Standards Technical  
Services Co., Ltd Xiamen Branch  
Testing Center

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Bryan Hong  
Authorized signatory

# TEST REPORT

No. : XMIN2006005123CM

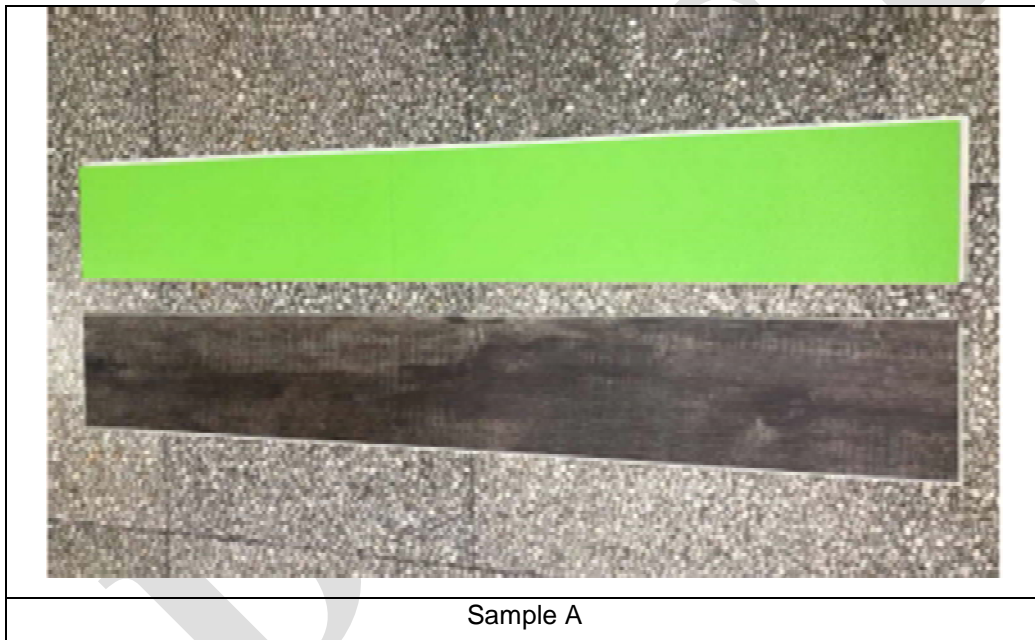
Date : Jul 01, 2020

Page: 2 of 5

## Summary of Results:

No.	Test Item	Test Method	Result
1	Airborne sound transmission loss test and class	ASTM E90-09(2016) ASTM E413-16	STC = 68

## Original Sample Photo:



Sample A

# TEST REPORT

No. : XMIN2006005123CM

Date : Jul 01, 2020

Page: 3 of 5

## Test Condition:

- Sample Description : Flooring (see the photo)  
Total Thickness: 5.5(4+1.5) mm, surface density: about 8.1kg/m<sup>2</sup>, at the bottom of the sample with 1.5mm cushion pad.
- Test conducted : ASTM E90-09(2016), ASTM E413-16
- Project description : No decoration of sample surface, sample installation was assembled directly.  
The test specimen was covered on a 150mm concrete floor with a drop ceiling, testing area 11.3m<sup>2</sup>, the drop ceiling construction showed in the following  
Drop ceiling: 288mm cavity filled with 50mm glass wool, 12mm gypsum board.
- Test Equipment : RTA840 system
- Test Environment : Source room volume 125m<sup>3</sup>, receiving room volume 100m<sup>3</sup>, air temperature 22.2°C, air humidity 60.2%

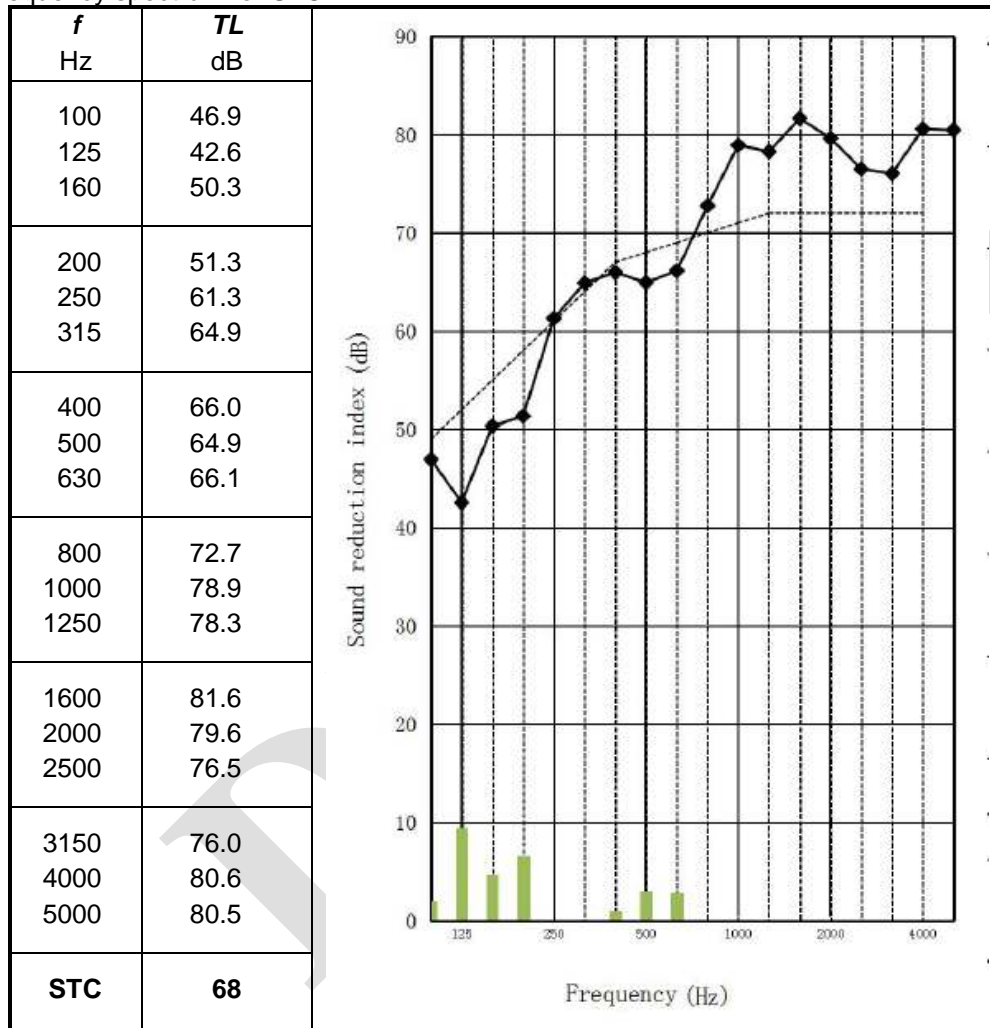
# TEST REPORT

No. : XMIN2006005123CM

Date : Jul 01, 2020

Page: 4 of 5

Frequency spectrum for STC



Remark: 1. *TL* is the transmission loss.

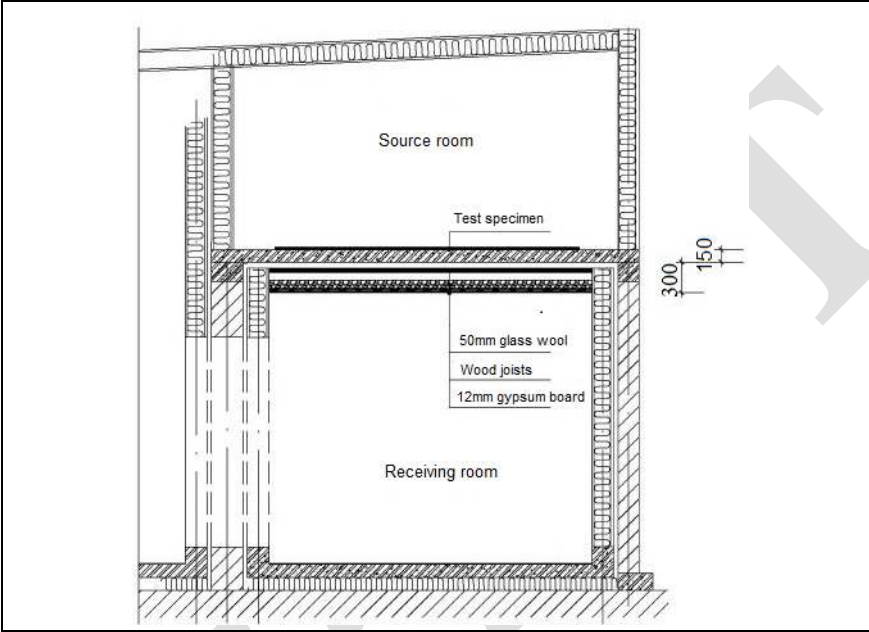
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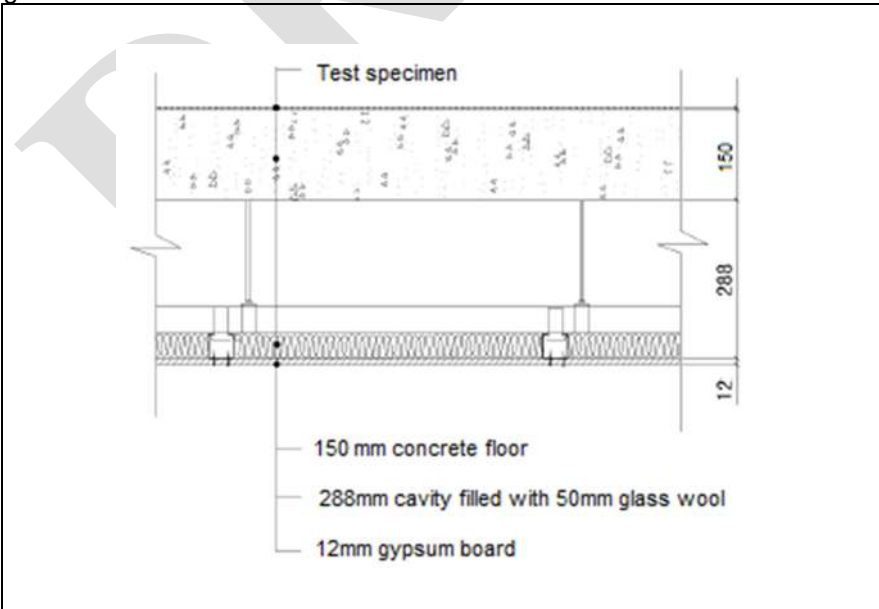
Date : Jul 01, 2020

Page: 5 of 5

The constructional drawing of the floor/ceiling assembly system



Schematic diagram:



Remark: The above test was carried out by Center for Building Environment Test, Tsinghua University.

\*\*\*\*\*End of report\*\*\*\*\*